

REMARKS

In response to the Official Action of April 10, 2007, claims 1, 6, 10, 12, 16 and 17 have been amended. Claims 5, 8, 9, 11 and 14 have been canceled and claims 20-31 are newly presented.

Claim 20 is in substitution for canceled claim 5, claim 23 is in substitution for canceled claim 8 and claim 27 is in substitution for canceled claim 11.

Claim Objections

At paragraph 4, claims 7 and 16 are objected to for not positively reciting the "frame structure". Appropriate amendment has been made.

At paragraph 5, claim 11 is objected to concerning the term "the far side". Claim 27 in substitution for claim 11 positively recites "a first side of the frame structure" and consequently, the objection is believed to be overcome.

At paragraph 6, claim 12 is objected to with respect to the recited aperture. Appropriate amendment has been made as suggested by the Office.

Claim Rejections - 35 USC §102

At paragraph 8, claims 1-17 are rejected under 35 USC §102(b) as anticipated in view of US patent application publication 2002/0065102, Miyake, et al (hereinafter Miyake). Claim 1 has been amended to specifically recite a camera module which comprises an optic zone having an input aperture and a connector zone. Claim 1 has further been amended to recite that the printed wiring board includes first and second sides for placing the camera module and other structures in such a manner that the optic zone and the connector zone of the camera are settled on different sides of the wiring board and further wherein the connector zone comprises contacts for connecting the camera module electrically to counter-contacts and elements for mechanical attachment of the camera module in such a manner that at least some of the elements for mechanical attachment are the same as the contacts for electrical connection.

Support for the amendment to claim 1 is found in the application as originally filed. Thus, the contacts which are arranged to attach to the camera module mechanically are shown, for example, on page 7, lines 17-19 and 31-34, as well as in Figures 3 and 4.

Furthermore, in at least one embodiment of the disclosed invention, the contacts 15 and counter-contacts 22, 32 are arranged in such a manner that there is a loading force between contacts 15 and counter-contacts 22, 32 in order to attach the camera module. This feature is specifically recited in newly submitted claims 18, 21, 24 and 28. Support for this embodiment is also found at page 8, lines 34-36 and page 9, lines 14-16.

In another embodiment, the loading force is created by a spring-like contact means 15, 22 and 32. This feature is presented in new claim 19, as well as new claims 22, 25 and amended claim 19. Support for this embodiment is found at page 4, lines 25-28 and at page 9, lines 19-20.

With respect to claim 1, it is asserted that Miyake shows all of the elements recited therein. Miyake discloses an image pickup device which is mounted directly on a circuit board. Miyake discloses temporary mounting and the operation of the opening of a positional guide. The mechanical and electronic connection by means of the same connectors is not disclosed in Miyake. In addition, Miyake does not disclose a separate frame structure.

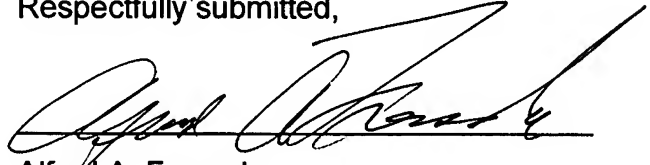
Since amended claim 1 is believed to be not anticipated by Miyake, it is respectfully submitted that the dependent claims thereto are further not anticipated by Miyake.

Furthermore, newly submitted independent method claim 20, newly submitted apparatus claim 23, newly submitted frame structure claim 27 and newly submitted camera module claim 30 have been amended in a manner similar to claim 1 and, for similar reasons, are believed to be not anticipated by Miyake.

Since each of the independent claims of the present application are believed to be not anticipated by Miyake, it is respectfully submitted that all of the dependent claims are further not anticipated by Miyake.

It is therefore respectfully submitted that the present application as amended is in condition for allowance and such action is earnestly solicited.

Respectfully submitted,



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